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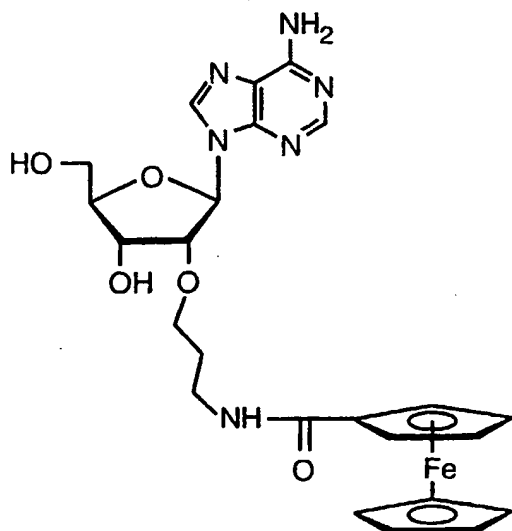
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(54) Title: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC DETECTION



(57) Abstract: The invention relates to compositions and methods useful in the detection of nucleic acids using a variety of amplification techniques, including both signal amplification and target amplification. Detection proceeds through the use of an electron transfer moiety (ETM) that is associated with the nucleic acid, either directly or indirectly, to allow electronic detection of the ETM using an electrode.

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12Q1/68 G01N27/30		International Application No PCT/US 00/19889
According to International Patent Classification (IPC) or to both national classification and IPC		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, CHEM ABS Data, BIOSIS		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98 20162 A (GOZIN MICHAEL ;YU CHANGJUN (US); KAYYEM JON F (US); CLINICAL MICRO) 14 May 1998 (1998-05-14) page 1-2; figures 29,32 page 9-10 page 27-29 page 35-37 page 41-43 page 51, line 15 -page 52 page 69, line 29 -page 70	1-16
Y	US 5 854 033 A (LIZARDI PAUL M) 29 December 1998 (1998-12-29) column 2-14; figures 1,2,6,7,10 column 21 column 33	1-12
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
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* Special categories of cited documents :		
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Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">13 February 2001</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">20/02/2001</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; font-weight: bold;">Reuter, U</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	BROWN G ET AL: "Metallorganic labels for DNA sequencing and mapping" NEW JOURNAL OF CHEMISTRY,FR,CNRS-GAUTHIER-VILLARS, MONTRouGE, vol. 18, no. 3, March 1994 (1994-03), pages 317-326, XP002106965 ISSN: 1144-0546 the whole document ---	1-16
A	WO 86 05815 A (GENETICS INT INC) 9 October 1986 (1986-10-09) page 12; claims; example 2 ---	1-16
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